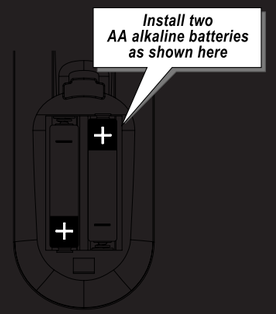
1 Introduction

UR5U-8820L

2 Replacing Batteries



3 Operations

STEP2 Press the [COMPONENT] button (TV, VCR, DVD or AUX) to be programmed and [OK/SEL] button simultaneously for 3 seconds. The Component LED light will turn on for 30 seconds indicating the unit is ready to be programmed.

STEP3 Point the remote control toward the Component and enter the 3-digit code number assigned to your brand.

**Note : If the 3-digit code number you just entered is correct, the Component will turn Off. If it did not turn Off, continue entering code numbers listed for that brand until the Component turns Off.*

STEP4 After you've entered the correct code number and the Component has turned Off, press the [POWER] button to turn the Component back On. Now it's time to test the VOLUME and MUTE buttons for the TV (or PLAY and STOP buttons for VCR and DVD) to make sure they all work. If any of the functions do not work as they should, repeat from STEP 3 using the next 3-digit code number listed for that brand.

STEP5 Once you have found the correct 3-digit code, save it by pressing the same [COMPONENT] button (TV, VCR, DVD or AUX) you used in STEP 2 and the [OK/SEL] button simultaneously for 3 seconds. The Component LED will blink twice to confirm the code was stored. Now when you press the AUX button, all the buttons will work with that TV Component.

STEP5 Save the code. (Same as for 3-Digit Code Programming Method - Section A).

Now, repeat the Auto-Search Method for those Components you could not program earlier with the Pre-Programmed Method.

C. Finding a Component Button's Setup Code Number

If you used the Auto-Search Method to program a Component, you may not know what the correct code number is. Here is a way for you to identify the code number, so you can record it for future reference.

STEP1 Press the [COMPONENT] button (TV, VCR, DVD or AUX) you want to verify and the [OK/SEL] button simultaneously for 3 seconds. The Component LED light will turn on for 30 seconds.

STEP2 Press the [INFO] button and count the number of times the Component LED light blinks. This number indicates the first digit of the code, followed by the second and third, each separated by a one second pause when the LED will turn off.

***Note :** 10 blinks represents the number zero.*

***Example :** One blink, (pause), eight blinks, (pause)*

E. Programming the System On/Off Button

This allows you to program the System On/Off button so it can send up to five power On/Off commands with one button press.

STEP1 Press the [CBL] button.

STEP2 Press the [SYSTEM ON/OFF] button and the [OK/SEL] button simultaneously for 3 seconds. The [CBL] button will turn on for 30 seconds.

STEP3 Press the first [COMPONENT] button you want to store in the [SYSTEM ON/OFF] button and then the [POWER] button. Repeat this for other Components until you have stored all the desired power commands into the [SYSTEM ON/OFF] button.

STEP4 Press the [CH+] button to save the power commands you stored. The [CBL] button will blink twice to confirm the commands have been saved.

F. Programming Channel Control

You can program the channel controls (Channel Up, Channel Down, Last and Numbers) from one Component to operate in another Component mode. Default channel control settings on the remote control are as follows:

STEP2 Press the [VOL +] button.

STEP3 Press the [TV] button.
The Component LED will blink twice to confirm the programming.

To return to original state:

If you wish to restore the CBL volume control in CBL mode, repeat the above steps but press [CBL] in **STEP3** .

H. Programming a 'Macro' button

In CABLE mode, the M button can be programmed to act as a 'Macro' . This allows you to program from one up to three separate channels that can be accessed by simply pressing the programmed Macro button.

STEP1 Press the [CBL] button to select the CBL mode.

STEP2 Press the [M] button and [OK/SEL] button simultaneously for 3 seconds. The [CBL] button will turn on for 30 seconds.

STEP3 Enter the 3 or 4-digit code for the channel you want programmed first (for example, 007) using the Number Pad, then press the [STOP] button. Then enter the code for the next channel (for example, 050), then press

VCR	Set-up Code Number:
DVD	Set-up Code Number:
AUX	Set-up Code Number:

6 Set-up Code Tables

CABLE Converter

Remote	Converter	Code No
URSU-8820L	Motorola	002
	Scientific-Atlanta, Pioneer, Pace Micro, Samsung	001

TV

Manufacturer/Brand	Set-Up Code Number
ABEX	025
ADMIRAL	072 161 160 251
ADVENT	247
ADVENTURA	002
AIKO	103
ALERON	028
AKAI	197 146 248 404 405
A MARK	112 143
AMERICA ACTION	043
AMPRO	167 073
AMSTRAD	052
ANAM	043 054 056 080 112 131
AOC	197 112 058 363
APEX DIGITAL	006
AUDIOVOX	076 454 388
AVION	441
BARCO	233
BELCOR	116
BELL&HOWELL	161 072
BLAUPUNKT	088
BRADFORD	043
BRONSONIC	238
BROCKWOOD	116
CAIRN	201
CANDLE	197 002 003 363
CAPEHART	058
CELEBRITY	070
CENTURION	197
CETRONIC	043
CITIZEN	197 002 003 043 101 103 143 363
CLARION	043
CLASSIC	043
CLP CLASSIC	161
COLORTYME	116 197
CONCIERGE	073
CONCERTO	363
CONTEC	043 050 051
CORNEA	116
CORONADO	143
CRAIG	043 054
CROSLEY	164
CROWN	043 143
CURTIS MATHES	197 101 143 363
CXC	043
DAEWOO	016 043 044 076 103 114 125 127 143 363
DAYTRON	143 363
DELL	320 319 284 363
DIMENSIA	161
DREAMVISION	235
DUKANE	025 011
DUMONT	116 073
DURABRAND	096
DWIN	177 257
DYNASTY	043
DYNATECH	062
EIKI	187
ELECTROBAND	070
ELECTROHOME	143 024 076 196
ELEKTRA	072
EMERSON	028 048 043 155 005 197 047 050 051 076 096 143 151 153 154 363
ENVISION	116 197
ESA	323
FISHER	007 057
FUJITSU	246 198 346 396
FUNAI	028 043 052
FUTURETECH	043
GATEWAY	242 268

TV

Manufacturer/Brand	Set-Up Code Number
GE	160 144 165 073 197 008 009 034 056 074 130 155 161 363
GEM	391
GIBRALTER	116 073
GOLDSTAR	113 116 102 106 112 119 127 143 363
GRUNPY	028 043
HALL MARK	363
HARLEY DAVIDSON	028
HARVARD	043
HAVERMY	081
HELLO KITTY	076
HIMITSU	043
HISENSE	419
HITACHI	011 166 009 010 012 023 075 143 158 072 363
HP	378 316 327 421
INFINITY	164
INFOCUS	333 230 330
INSIGNIA	350 400 052 402 403
INTEQ	073
JANEIL	002
JBL	164
JCB	070
JCPENNEY	024 197 008 009 030 065 101 143 160 363
JENSEN	013
JVC	038 034 070 083 145 199 210 240 406
KAWASHO	116 070 197
KEC	043
KENWOOD	197 070
KLEGG	466
KLOSS	002 059
KLOSS NOVABEAM	002
KMC	143
KTV	043 197 143 154
KURAZAI	072
LG	363 113 116 102 106 112 119 127 143 284
LODGENET	072
LOEWE	164
LOGIK	072
LUXMAN	363
LXI	166 007 015 052 160 164 251
MAGNAVOX	164 059 197 003 060 061 063 064 127 022 160 094 226 390 363
MAJESTIC	161 072
MARANTZ	197 164
MATSUI	164
MATSUSHITA	080
MAXENT	242
MEGATRON	116 197 011
MEMOREX	007 072 363
METZ	088
MGA	197 024 028 042 363
MIDLAND	161 073
MINERVA	088
MINTEK	362
MINUTZ	008
MITSUBISHI	124 109 024 028 040 042 146 191 363
MONTGOMERY WARD	161 072
MOTOROLA	081
MTC	197 062 101 363
MULTITECH	043
NAD	015 025
NEC	272 130 134 197 040 016 024 056 019 236 237 262
NET TV	242
NIKEI	043
NIKKO	116 197
NTC	103
NUVISION	351
OLEVIA	432 363 161 144 160
ONKING	043
ONWA	043
OPTIMUS	025
OPTONICA	019 251
OPTOMA	265 270
ORION	096
PANASONIC	080 034 056 092 164 208
PHILCO	197 003 059 060 064 164 024 056 063 363
PHILIPS	164 005 093 038 197 003 059 127 206 431 363
PILOT	116
PIONEER	234 135 025 197 018 023 116 374 393 272
POLAROID	388

TV

Manufacturer/Brand	Set-Up Code Number
PORTLAND	143 363
PRISM	034
PROSCAN	144 160 161 165 167
PROTON	131 058 143 171 173 193 363
PROTRON	392 398
PULSAR	116 073
QUASAR	034 056 092
RADIO SHACK	019 143 043 127 363
RCA	333 160 165 065 144 161 197 024 056 152 023 074 363
REALISTIC	007 019 043 047
ROCTEC	186
RUNCO	168 169 178 179 180 181 182 073 395 416
SAMPO	197 058 242 363
SAMSUNG	258 050 089 101 105 127 143 160 228 229 363
SAMSUX	197
SANSEI	076
SANSUI	096
SANYO	166 007 020 053 057 082 187
SCEPTRE	276
SCOTCH	116 197
SCOTT	028 043 048 143 363
SEARS	015 030 007 028 057 143 094 160 082 165 166 363
SELECO	189 200 205 011
SHARP	251 019 014 028 029 022 143 175 363
SHENG CHIA	081
SHOGUN	116
SIEMENS	088
SIGNATURE	072
SIMPSON	003
SOLE	231 232
SONY	001 139 147 126 185 085 213 277
SOUNDESIGN	028 003 043 363
SPECTRICON	112
SQUAREVIEW	052
STARLITE	043
SSS	043 363
SUPRA	116
SUPRE MACY	002
SUPREME	070
SVA	328
SYLVANIA	197 003 052 059 060 063 064 164 044 160 127
SYMPHONIC	052
SYNTAX OLEVIA	432 363 161 144 160
TANDY	251
TATUNG	056 062
TECHNICS	034 080
TECHNOLACE	028
TECHWOOD	363
TEKNIKA	002 003 24 028 043 072 101 143 363
TELEFUNKEN	037 046
TELERENT	072
TERA	172
TMK	363
TNCI	073
TOSHIBA	138 015 030 007 040 062 101 325
TOTEVISION	143
TVS	096
UNIVERSAL	008 009
VICTOR	145
VIDEO CONCEPTS	146
VIDIKRON	174 188 192 164
VIDTECH	363
VIEWSONIC	242 389
VIKING	002
VIZIO	386 387
WARDS	008 009 019 028 060 061 063 064 072 074 143 164 034 363
WAYCON	015
WESTINGHOUSE	076 280 435 147
YAMAHA	197 371 372 363
YORK	363
YUPITERU	043
ZENITH	363 073 072 095 103 284
ZONDA	112

VCR

Manufacturer/Brand	Set-Up Code Number
ADMIRAL	025 053

VCR

Manufacturer/Brand	Set-Up Code Number
ADVENTURA	034
AIKO	117
AIWA	034 161
AKAI	016 146 043 046 124 125
AMERICA ACTION	117
AMERICAN HIGH	031
AMPRO	072
ANAM	145
ASHA	040
AUDIO DYNAMICS	012 023 039 043
AUDIOVOX	101
BEAUMARK	040
BRONSONIC	035 037 129
CALIX	101
CANON	028 145
CAPEHART	108
CCE	024 117
CITIZEN	101 117
COLT	024
CRAIG	003 022 102
CURTIS MATHES	041 145
CYBERNEX	040
DAEWOO	111 116 117 005 007 010 065 108 110 120
DAYTRON	108
DBX	012 023 039 043
DYNATECH	034 053
ELECTROHOME	059
ELECTROPHONIC	101
EMERSON	006 029 035 017 025 027 034 036 037 046 101 129 131 153 162 116 145
FISHER	003 010 008 009
FUJI	145
FUNAI	034
GARRARD	034
GE	072 147 063 107 109 144 145
GO VIDEO	132 136 155 115 102
GOLDSTAR	101 106 114 020 012 123
GRADIENTE	034
HARLEY DAVIDSON	034
HARMAN KARDON	012 045
HARWOOD	024
HITACHI	004 026 150 018 034 043 063 137 160 020
HQ	034
INSTANTREPLAY	145
JCL	145
JCPENNEY	012 015 066 101 020 102
JENSEN	043
JVC	048 043 130 150 055 060 012 050 152 145
KEC	101
KENWOOD	014 048 034 047
KLH	024
KODAK	101 145
LG	101 106 114 020 012 123
LLOYD	034
LOGIK	024
LXI	034 003 009 017 106
MAGIN	102
MAGNAVOX	067 034 068 041 156 164 145
MARANTZ	067 069 012 156 145
MARTA	101
MATSUI	027 030
MATSUSHITA	145
MEI	145
MEMOREX	101 003 010 014 034 053 072 102 134 139 145
MGA	045 046 059
MGN TECHNOLOGY	040
MINOLTA	020
MITSUBISHI	059 061 151 020 045 046 051 049 168
MOTOROLA	053 145
MTC	034 102
MULTITECH	024 034
NEC	012 023 039 043 048
NIKKO	101
NOBLEX	040
NORDMENDE	043
OLYMPUS	031
OPTIMUS	101
OPTONICA	053 054
ORION	025
PANASONIC	066 070 145 083 133 140 157 163 074 167

VCR

Manufacturer/Brand	Set-Up Code Number
PENTAX	020 063 145
PHILCO	034 067 145
PHILIPS	067 034 101 054 071 156 145
PILOT	101
PIONEER	020 021 048
PORTLAND	108
PROFITRONIC	040
PROTEC	024
PULSAR	072
QUARTZ	002 014
QUASAR	066 145 075
RADIO SHACK	123
RADIX	101
RANDEX	101
RCA	107 109 144 147 158 041 145 020 140 034 102
REALISTIC	003 008 010 014 034 053 054 101 102 145
RICO	058
RUNCO	148
SALORA	014
SAMSUNG	102 104 113 115 120 032 066 107 109 125
SANKY	053
SANSUI	022 043 048
SANYO	003 010 007 014 134 102
SCOTT	017 037 120 129 131
SEARS	003 008 010 014 020 101 009 017 073 120
SHARP	053 054 159 165 145
SHINTOM	024
SHOGUN	040
SIGNATURE	034
SINGER	024
SONY	001 057 058 052 003 076 154 053 145
SOUNDESIGN	034
SYS	020
SYLVANIA	034 059 067 145
SYMPHONIC	034
TANDY	010 034
TATUNG	039 043
TEAC	034 039 043
TECHNICS	070 145
TEKNIKA	019 034 101 145
THOMAS	034
TMK	006
TOSHIBA	131 008 059 047 082 020 120
TOTEVISION	101 102
UNITECH	102
VECTOR RESEARCH	012
VICTOR	048
VIDEO CONCEPTS	012 034 046
VIDEOSONIC	102
VILLAIN	034
WARDS	003 020 017 024 034 053 054 131 102 145
WESTINGHOUSE	024 025
XR-1000	024 034 145
YAMAHA	012 034 039 043
ZENITH	072 080 056 048 101 034 058

VCR-TV/VCR Combos

Manufacturer/Brand	Set-Up Code Number
AMERICA ACTION	117
DAEWOO	005 117
EMERSON	153
FUNAI	034
GOLDSTAR	101 123
HARLEY DAVIDSON	034
HITACHI	034
JCPENNEY	101
LG	101 123
LLOYD	034
MAGNAVOX	034 067
MEMOREX	101
PANASONIC	070 167
PHILIPS	034 067
RADIO SHACK	123
RCA	034
SEARS	101
SONY	057 154
SYLVANIA	067
SYMPHONIC	034
THOMAS	034
ZENITH	034

DVD

Manufacturer/Brand	Set-Up Code Number
AIWA	146
AKAI	281
ALLEGRO	091
ALPINE	098
APEX DIGITAL	087 111 115
BLAUPUNKT	111
BRONSONIC	130
CINEVISION	091
COBY	260
CYBERHOME	271
DENON	080 173 138
DURABRAND	091
DVD 2000	017
EMERSON	091 143
ENTERPRISE	074
FISHER	147
FUNAI	143
GE	027
GOLDSTAR	091
GO VIDEO	137 091 220 221 222
GREENHILL	111
HARMAN KARDON	084 140
HITACHI	101
HITEKER	087
ILO	268
INITIAL	111
INTEGRA	142 180 280
JBL	084
JVC	012
KENWOOD	151
KISS	279
KLH	135
KRELL	104
LITEON	264 265
LEXICON	148
LG	091 057 074
MAGNAVOX	066 096
MARANTZ	083 095
MALATA	267
MERIDIAN	153
MICROSOFT	027 206
MINTEK	111 282
MITSUBISHI	017
MYRYAD	102 134
NAD	088
NAKAMICHI	103
NESA	111
ONKYO	076 141 180
OPTIMUS	023
OPPO	266
ORION	130
PANASONIC	021 042 138 144 150 285
PHILIPS	066 083 095 105 166 276
PHILIPS MAGNAVOX	141 066
PIONEER	023 099 131
POLAROID	233
POLK AUDIO	141 066
PROCEED	086
PROSCAN	027
RCA	027
RIO	091
RJTECH	269
SAMSUNG	056 070 165 137 159 275
SANSUI	154
SANYO	147
SEARS	130
SENSORY SCIENCE	222
SHARP	094
SHINSONIC	033
SONIC BLUE	091
SONY	001 033 118 145 191 286
SYLVANIA	143
SYMPHONIC	143
TATUNG	102
TEAC	023 270
TECHNICS	042
TECHWOOD	088
THETA DIGITAL	023
THOMPSON	027

DVD

Manufacturer/Brand	Set-Up Code Number
TOSHIBA	034 130 141 164 188
URBAN CONCEPTS	035
VENTURER	149
X-BOX	027 206
YAMAHA	042 089 166 197 138
ZENITH	057 074 091

DVD-DVD Recorders

Manufacturer/Brand	Set-Up Code Number
GO VIDEO	220 221 222
CYBERHOME	271
ILO	268
KISS	279
LITEON	265
PANASONIC	138
SENSORY SCIENCE	222
SONY	191
TOSHIBA	188 273

DVD-TV/DVD Combos

Manufacturer/Brand	Set-Up Code Number
AKAI	281
AIWA	146
AUDIOVOX	284
FUNAI	143
INSIGNIA	292
MINTEK	282
SAMSUNG	165
SYLVANIA	143
SYMPHONIC	143
TOSHIBA	130

DVD-TV/DVD/VCR Combos

Manufacturer/Brand	Set-Up Code Number
MAGNAVOX	143
PANASONIC	144
SYLVANIA	143
TOSHIBA	164

DVD-DVD/VCR Combos

Manufacturer/Brand	Set-Up Code Number
GO VIDEO	137
PANASONIC	150
PHILIPS	105 (VCR Functions for VCR 067)
SAMSUNG	137 159
SANSUI	154
SONY	145
TOSHIBA	141
ZENITH	091 (VCR Functions for VCR101)

AUX-AUDIO

Manufacturer/Brand	Set-Up Code Number
ADC	007
ADCOM	082 092 225 161 269 356
AIWA	170 018 104 202 203 213 211 188
AKAI	189
AMC	125 126 127 281 282
ANGSTROM	142
ANTHEM	335 337
ARCAM	141 077
ATLANTIC TECHNOLOGY	342
AUDIO FILE	071
AUDIO MATRIX	167
AUDIO TECHNICA	134
B & K	096 097
BOSE	070 170 224 347 409 460
BOSTON ACOUSTICS	447
CARVER	006 028 061 071 201 214 226 185 013 077 284
CINEMA SOUND	134
CITATION	148
CLARION	026
DELPHI	556
DENON	109 215 230 234 330 340 679
ELAN	057 290

AUX-AUDIO

Manufacturer/Brand	Set-Up Code Number
ENLIGHTENED AUDIO	099 098
ESCIENT	368 451
FISHER	214 182 297
FLEXTRONICS	378
FOSGATE AUDIONICS	148 342
GE	056
GOLDSTAR	008
HARMAN KARDON	148 233 077 028 118 318
HITACHI	020
INSIGNIA	589
INTEGRA	275 017 046 108 080 209
JAMO	398
JCPENNEY	216
JENSEN	058
JVC	163 191 114 279 291
KENWOOD	026 066 145 192 182 005 280 374
KLH	331
KOSS	216 573
KRELL	072 384 672
KYOCERA	007
LEXICON	120 235 236 237 357 360
LINN	124 377
LUXMAN	009 139 052 165 115 004
LXI	056
MAGNAVOX	086 164 152 077
MARANTZ	006 028 031 040 063 185 186 265 119 289 296 492
MCINTOSH	238 286
MERIDIAN	100 012 013 628
MITSUBISHI	242 204
MONDIAL	157 158 042 043 081 112
MYRYAD	077
NAD	186 113
NAKAMICHI	040 244 245 172 183 287
NEC	176
NIRO	343
NILES	403
ONKYO	275 017 046 108 080 209
OPTIMUS	026 041
OUTLAW	342
PANASONIC	032 195 219 177 292 626
PARASOUND	129 130 132 261 294 295 333 334
PHILIPS	249 250 063 119
PIONEER	014 039 044 069 168 116 035 198 480 556
POLKAUDIO	556
PROCEED	144 268
RCA	010 048 117 156 067 288
REALISTIC	019 056 073 075 095
ROTEL	074 083 085 654
RUSSOUND	379 391 392
SAMSUNG	016 653
SANSUI	040 048 110 119 065 228
SANYO	214
SCOTT	019 091
SHARP	026 094 175 652
SHERWOOD	024 102 106 447 370
SIRIUS	555
SONY	001 018 247 248 166 101 184 218 271 380
SOUNDESIGN	036
SSI	068
SUNFIRE	344 345 182
TEAC	005 019 049 040 212 217
TECHNICS	122 176 193 219 178 177 200 257 262
THETA DIGITAL	136
TOSHIBA	060 087 198 278
XM SATELLITE RADIO	556
YAMAHA	026 253 169 067 173 205 264 232 089 264 274
ZENITH	143 210

AUX-DVR(TIVO)

Manufacturer/Brand	Set-Up Code Number
HUGHES	817
HUMAX	817
PHILIPS	790 817
RCA	809
REPLAY NETWORKS	775
SONY	804 805
TIVO	790 817
TOSHIBA	817